

Resources for Ohio's Dairy Industry



**The Ohio State
University Extension**
<http://dairy.osu.edu>

For additional information contact
shoemaker.3@osu.edu or (330) 263-3799



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Ohio State University Extension is the outreach arm of Ohio's Land-Grant University. We interpret cutting edge research conducted at The Ohio State University and universities around the world for use in Ohio's largest animal industry.

Our objective is to support and promote profitable, sustainable and environmentally sound growth of Ohio's dairy industry through unbiased, research-based education.

Expertise is available to dairy producers, dairy industry personnel, related industries and all Ohio citizens through local OSU County Extension Offices, Extension Centers, The Ohio Agricultural Research and Development Center, The Agricultural Technical Institute and The Ohio State University campuses.

See the directory located in the back for contact information to the expertise and resources available.

Visit our website for additional information and links to Ohio's dairy industry partners at:

<http://dairy.osu.edu>

Social and Environmental

Alvarez, Valente alvarez.23@osu.edu	Food safety 614-292-6281
Foster, Steve foster.99@osu.edu	Environment, composting 937-548-5215
Keener, Harold keener.3@osu.edu	Composting 330-263-3856
Rausch, Jon rausch.7@osu.edu	Water quality, nutrient management 614-292-4504
Smith, John smith.132@osu.edu	Composting, nutrient management 419-738-2219
Weiss, Bill weiss.6@osu.edu	Nutrient management 330-263-3622
Zhao, Lingying zhao.119@osu.edu	Air quality 614-292-2366

Youth Development

Eastridge, Maurice eastridge.1@osu.edu	614-688-3059
Ayars, Bonnie ayars.5@osu.edu	614-688-3143
Boyles, Stephen boyles.4@osu.edu	614-292-7669

Mastitis Lab

Located at the Ohio Agricultural Research and Development Center in Wooster, the lab cultures milk samples. Once pathogens are identified, critical control points can be identified for improved cow health and milk quality.

(330) 263-3978

(330) 263-3805

Farm Business Management

Breece, Don breece.2@osu.edu	Business mgt & transfer 419-306-9403
Marrison, David marrison.2@osu.edu	Business management 440-576-9008
St. Pierre, Normand st-pierre.8@osu.edu	Business management 614-292-6507
Shoemaker, Dianne shoemaker.3@osu.edu	Business management 330-263-3799
Thraen, Cameron thraen.1@osu.edu	Milk marketing 614-292-2702
Ward, Barry ward.8@osu.edu	Budgets 937-484-1526
Zoller, Chris zoller.1@osu.edu	Business management 330-339-2337

Housing and Facilities

Brugger, Michael brugger.1@osu.edu	Facilities design 330-263-3636
McCluer, Gene mccluer.1@osu.edu	Facilities design 419-674-2297
Shoemaker, Dianne shoemaker.3@osu.edu	Facilities design 330-263-3799
Smith, John smith.132@osu.edu	Cow comfort 419-738-2219
St. Pierre, Normand st-pierre.8@osu.edu	Facilities layout 614-292-6507
Rader, Duane rader.72@osu.edu	Facilities 419-747-8755

Animal Health and Well-being



Healthy, well-cared for animals of all ages are a vital part of the dairy industry. Health, housing, nutrition, care and management together determine the overall well-being of animals. OSU Dairy Extension expertise is available in a broad range of areas including:

- Animal management
- Dairy cattle health
- Hoof health
- Johne's disease education
- Mammary health
- Milking management
- Reproduction

Dairy Cattle Nutrition



Proper nutrition of dairy calves, heifers and cows optimizes health, growth, production and reproduction. Research-based information is brought to the field through workshops, fact sheets, articles, computer software and consultations.

Areas of expertise include:

- Dairy cattle nutrition
- Feed management
- Valuing nutrients & pricing feeds
- Quality forage production
- Pasture supplementation
- Nutrient management

Tri-State Dairy Nutrition Conference

Nearly five hundred dairy farmers, nutritionists, educators and veterinarians participate in this annual two-day event addressing the latest in dairy nutrition research.

<http://tristatedairy.osu.edu>

Extension Dairy Resources: Animal Health and Well-Being

Hogan, Joe hogan.4@osu.edu	Mammary health 330-263-3801
Meiring, Richard meiring.5@osu.edu	Animal health 937-642-2936
Shoemaker, Dianne shoemaker.3@osu.edu	Calf management 330-263-3799
Shulaw, Bill shulaw.1@osu.edu	Johne's disease 614-292-9453
Weiss, Bill weiss.6@osu.edu	Hoof health 330-263-3622

Dairy Cattle Nutrition

Weiss, Bill weiss.6@osu.edu	Forages, minerals 330-263-3622
Eastridge, Maurice eastridge.1@osu.edu	Carbohydrates, fats 614-688-3059
Meiring, Richard meiring.5@osu.edu	Calf nutrition 937-642-2936
St. Pierre, Normand st-pierre.8@osu.edu	Protein 614-292-6507
Shoemaker, Dianne shoemaker.3@osu.edu	Calf nutrition 330-263-3799
Sulc, Mark sulc.2@osu.edu	Forage production 614-292-9084

Youth Development



Youth learn about care and behavior of animals and develop life skills by taking advantage of opportunities in dairy youth programs. These youth are tomorrow's leaders.

Through the 4-H Youth Development program, FFA and other youth organizations, OSU Extension provides opportunities to learn and apply knowledge of dairy production and business systems.

Youth work through local clubs and participate in statewide events. Statewide learning opportunities include:

- Dairy Quiz Bowl
- Skillathons
- Dairy cattle judging
- Dairy cow and heifer projects
- Exhibition of animals
- Careers

Farm Business Management



Today's successful family dairy farms are managed as small businesses. OSU supports the Planning, Organizing, Staffing, Directing and Controlling functions of dairy farm management through on-going workshops, research, teaching and extension work.

Areas of expertise include:

- Business Analysis & Budgeting
- Business Transfer
- Dairy Competitiveness
- Estate Planning
- Financial Record Keeping
- Management Training
- Market Analysis
- Milk Marketing
- Ohio Farm Business Summary
- Risk Management
- Workforce Development

Housing and Facilities



Comfortable, well-designed housing for dairy animals of all ages impacts productivity and profitability of dairy businesses. Research-based information and expertise is available to assist with:

- Farmstead and building layout
- Building design
- Ventilation
- Freestall design
- Grazing system planning



Environmental & Social



More people moving into formerly rural areas create unique rural/urban relationships where they meet. OSU Extension provides factual information on issues created by this overlap.

Experts help address industry and citizen's concerns as this relationship grows and develops in:

- Nutrient management
- Air quality
- Water quality
- Food safety
- Rural sociology

Resources on the environmental and social issues relating to animal agriculture are available at:

- OSU Extension
(<http://ohioline.osu.edu>;
<http://dairy.osu.edu>)
- Ohio Livestock Coalition
(<http://www.ohiolivestock.org>)